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Actions

Module:Protection banner

From Blue Gold Program Wiki

The printable version is no longer supported and may have rendering errors. Please update your browser bookmarks and please use the default browser print function instead.

Documentation for this module may be created at [Module:Protection banner/doc](#)

```

-- This module implements {{pp-meta}} and its daughter templates such as
-- {{pp-dispute}}, {{pp-vandalism}} and {{pp-sock}}.

-- Initialise necessary modules.
require('Module:No globals')
local makeFileLink = require('Module:File link')._main
local effectiveProtectionLevel = require('Module:Effective protection
level')._main
local effectiveProtectionExpiry = require('Module:Effective protection
expiry')._main
local yesno = require('Module:Yesno')

-- Lazily initialise modules and objects we don't always need.
local getArgs, makeMessageBox, lang

-- Set constants.
local CONFIG_MODULE = 'Module:Protection banner/config'

-----
---
-- Helper functions
-----
---

local function makeCategoryLink(cat, sort)
    if cat then
        return string.format(
            '[[%s:%s|%s]]',
            mw.site.namespaces[14].name,
            cat,
            sort
        )
    end
end

-- Validation function for the expiry and the protection date
local function validateDate(dateString, dateType)
    if not lang then
        lang = mw.language.getContentLanguage()
    end
    local success, result = pcall(lang.formatDate, lang, 'U', dateString)
    if success then
        result = tonumber(result)
        if result then
            return result
        end
    end
    error(string.format(
        'invalid %s: %s',
        dateType,
        tostring(dateString)
    ))
end

```

```

        ), 4)
end

local function makeFullUrl(page, query, display)
    return string.format(
        ' [%s %s]',
        tostring(mw.uri.fullUrl(page, query)),
        display
    )
end

-- Given a directed graph formatted as node -> table of direct successors,
-- get a table of all nodes reachable from a given node (though always
-- including the given node).
local function getReachableNodes(graph, start)
    local toWalk, retval = {[start] = true}, {}
    while true do
        -- Can't use pairs() since we're adding and removing things
as we're iterating
        local k = next(toWalk) -- This always gets the "first" key
        if k == nil then
            return retval
        end
        toWalk[k] = nil
        retval[k] = true
        for _,v in ipairs(graph[k]) do
            if not retval[v] then
                toWalk[v] = true
            end
        end
    end
end

end

-----
---
-- Protection class
-----
---

local Protection = {}
Protection.__index = Protection

Protection.supportedActions = {
    edit = true,
    move = true,
    autoreview = true,
    upload = true
}

Protection.bannerConfigFields = {
    'text',

```

```

        'explanation',
        'tooltip',
        'alt',
        'link',
        'image'
    }

function Protection.new(args, cfg, title)
    local obj = {}
    obj._cfg = cfg
    obj.title = title or mw.title.getCurrentTitle()

    -- Set action
    if not args.action then
        obj.action = 'edit'
    elseif Protection.supportedActions[args.action] then
        obj.action = args.action
    else
        error(string.format(
            'invalid action: %s',
            tostring(args.action)
        ), 3)
    end

    -- Set level
    obj.level = args.demolevel or effectiveProtectionLevel(obj.action,
obj.title)
    if not obj.level or (obj.action == 'move' and obj.level ==
'autoconfirmed') then
        -- Users need to be autoconfirmed to move pages anyway, so
treat
        -- semi-move-protected pages as unprotected.
        obj.level = '*'
    end

    -- Set expiry
    local effectiveExpiry = effectiveProtectionExpiry(obj.action,
obj.title)
    if effectiveExpiry == 'infinity' then
        obj.expiry = 'indef'
    elseif effectiveExpiry ~= 'unknown' then
        obj.expiry = validateDate(effectiveExpiry, 'expiry date')
    end

    -- Set reason
    if args[1] then
        obj.reason = mw.ustr.lower(args[1])
        if obj.reason:find('|') then
            error('reasons cannot contain the pipe character
("|")', 3)
        end
    end
end

```

```

end

-- Set protection date
if args.date then
    obj.protectionDate = validateDate(args.date, 'protection
date')
end
-- Set banner config
do
    obj.bannerConfig = {}
    local configTables = {}
    if cfg.banners[obj.action] then
        configTables[#configTables + 1] =
cfg.banners[obj.action][obj.reason]
    end
    if cfg.defaultBanners[obj.action] then
        configTables[#configTables + 1] =
cfg.defaultBanners[obj.action][obj.level]
        configTables[#configTables + 1] =
cfg.defaultBanners[obj.action].default
    end
    configTables[#configTables + 1] = cfg.masterBanner
    for i, field in ipairs(Protection.bannerConfigFields) do
        for j, t in ipairs(configTables) do
            if t[field] then
                obj.bannerConfig[field] = t[field]
                break
            end
        end
    end
end
end
return setmetatable(obj, Protection)
end

function Protection:isUserScript()
    -- Whether the page is a user JavaScript or CSS page.
    local title = self.title
    return title.namespace == 2 and (
        title.contentModel == 'javascript' or title.contentModel ==
'css'
    )
end

function Protection:isProtected()
    return self.level ~= '*'
end

function Protection:shouldShowLock()
    -- Whether we should output a banner/padlock
    return self:isProtected() and not self:isUserScript()
end

```

```

-- Whether this page needs a protection category.
Protection.shouldHaveProtectionCategory = Protection.shouldShowLock

function Protection:isTemporary()
    return type(self.expiry) == 'number'
end

function Protection:makeProtectionCategory()
    if not self:shouldHaveProtectionCategory() then
        return ''
    end

    local cfg = self._cfg
    local title = self.title
    -- Get the expiry key fragment.
    local expiryFragment
    if self.expiry == 'indef' then
        expiryFragment = self.expiry
    elseif type(self.expiry) == 'number' then
        expiryFragment = 'temp'
    end

    -- Get the namespace key fragment.
    local namespaceFragment = cfg.categoryNamespaceKeys[title.namespace]
    if not namespaceFragment and title.namespace % 2 == 1 then
        namespaceFragment = 'talk'
    end

    -- Define the order that key fragments are tested in. This is done
with an
    -- array of tables containing the value to be tested, along with its
    -- position in the cfg.protectionCategories table.
    local order = {
        {val = expiryFragment,    keypos = 1},
        {val = namespaceFragment, keypos = 2},
        {val = self.reason,       keypos = 3},
        {val = self.level,        keypos = 4},
        {val = self.action,       keypos = 5}
    }

    --[[
    -- The old protection templates used an ad-hoc protection category
system,
    -- with some templates prioritising namespaces in their categories,
and
    -- others prioritising the protection reason. To emulate this in this
module
    -- we use the config table cfg.reasonsWithNamespacePriority to set
the
    -- reasons for which namespaces have priority over protection reason.
    -- If we are dealing with one of those reasons, move the namespace

```

```

table to
    -- the end of the order table, i.e. give it highest priority. If not,
the
    -- reason should have highest priority, so move that to the end of
the table
    -- instead.
    --]]
    table.insert(order, table.remove(order, self.reason and
cfg.reasonsWithNamespacePriority[self.reason] and 2 or 3))

    --[[
    -- Define the attempt order. Inactive subtables (subtables with nil
"value"
    -- fields) are moved to the end, where they will later be given the
key
    -- "all". This is to cut down on the number of table lookups in
    -- cfg.protectionCategories, which grows exponentially with the
number of
    -- non-nil keys. We keep track of the number of active subtables with
the
    -- noActive parameter.
    --]]
    local noActive, attemptOrder
    do
        local active, inactive = {}, {}
        for i, t in ipairs(order) do
            if t.val then
                active[#active + 1] = t
            else
                inactive[#inactive + 1] = t
            end
        end
        noActive = #active
        attemptOrder = active
        for i, t in ipairs(inactive) do
            attemptOrder[#attemptOrder + 1] = t
        end
    end

    --[[
    -- Check increasingly generic key combinations until we find a match.
If a
    -- specific category exists for the combination of key fragments we
are
    -- given, that match will be found first. If not, we keep trying
different
    -- key fragment combinations until we match using the key
    -- "all-all-all-all-all".
    --
    -- To generate the keys, we index the key subtables using a binary
matrix

```

```

-- with indexes i and j. j is only calculated up to the number of
active
-- subtables. For example, if there were three active subtables, the
matrix
-- would look like this, with 0 corresponding to the key fragment
"all", and
-- 1 corresponding to other key fragments.
--
--   j 1  2  3
-- i
-- 1   1  1  1
-- 2   0  1  1
-- 3   1  0  1
-- 4   0  0  1
-- 5   1  1  0
-- 6   0  1  0
-- 7   1  0  0
-- 8   0  0  0
--
-- Values of j higher than the number of active subtables are set
-- to the string "all".
--
-- A key for cfg.protectionCategories is constructed for each value
of i.
-- The position of the value in the key is determined by the keypos
field in
-- each subtable.
--]]
local cats = cfg.protectionCategories
for i = 1, 2^noActive do
    local key = {}
    for j, t in ipairs(attemptOrder) do
        if j > noActive then
            key[t.keypos] = 'all'
        else
            local quotient = i / 2 ^ (j - 1)
            quotient = math.ceil(quotient)
            if quotient % 2 == 1 then
                key[t.keypos] = t.val
            else
                key[t.keypos] = 'all'
            end
        end
    end
    key = table.concat(key, '|')
    local attempt = cats[key]
    if attempt then
        return makeCategoryLink(attempt, title.text)
    end
end
return ''

```



```

end

function Protection:isIncorrect()
    local expiry = self.expiry
    return not self:shouldHaveProtectionCategory()
        or type(expiry) == 'number' and expiry < os.time()
end

function Protection:isTemplateProtectedNonTemplate()
    local action, namespace = self.action, self.title.namespace
    return self.level == 'templateeditor'
        and (
            (action ~= 'edit' and action ~= 'move')
            or (namespace ~= 10 and namespace ~= 828)
        )
end

function Protection:makeCategoryLinks()
    local msg = self._cfg.msg
    local ret = {self:makeProtectionCategory()}
    if self:isIncorrect() then
        ret[#ret + 1] = makeCategoryLink(
            msg['tracking-category-incorrect'],
            self.title.text
        )
    end
    if self:isTemplateProtectedNonTemplate() then
        ret[#ret + 1] = makeCategoryLink(
            msg['tracking-category-template'],
            self.title.text
        )
    end
    return table.concat(ret)
end

-----
---
-- Blurbs class
-----
---

local Blurbs = {}
Blurbs.__index = Blurbs

Blurbs.bannerTextFields = {
    text = true,
    explanation = true,
    tooltip = true,
    alt = true,
    link = true
}

```

```

function Blurb.new(protectionObj, args, cfg)
    return setmetatable({
        _cfg = cfg,
        _protectionObj = protectionObj,
        _args = args
    }, Blurb)
end

-- Private methods --

function Blurb:_formatDate(num)
    -- Formats a Unix timestamp into dd Month, YYYY format.
    lang = lang or mw.language.getContentLanguage()
    local success, date = pcall(
        lang.formatDate,
        lang,
        self._cfg.msg['expiry-date-format'] or 'j F Y',
        '@' .. tostring(num)
    )
    if success then
        return date
    end
end

function Blurb:_getExpandedMessage(msgKey)
    return self:_substituteParameters(self._cfg.msg[msgKey])
end

function Blurb:_substituteParameters(msg)
    if not self._params then
        local parameterFuncs = {}

        parameterFuncs.CURRENTVERSION =
self._makeCurrentVersionParameter
        parameterFuncs.EDITREQUEST =
self._makeEditRequestParameter
        parameterFuncs.EXPIRY = self._makeExpiryParameter
        parameterFuncs.EXPLANATIONBLURB =
self._makeExplanationBlurbParameter
        parameterFuncs.IMAGELINK =
self._makeImageLinkParameter
        parameterFuncs.INTROBLURB =
self._makeIntroBlurbParameter
        parameterFuncs.INTROFRAGMENT =
self._makeIntroFragmentParameter
        parameterFuncs.PAGETYPE =
self._makePagetypeParameter
        parameterFuncs.PROTECTIONBLURB =
self._makeProtectionBlurbParameter
        parameterFuncs.PROTECTIONDATE =
self._makeProtectionDateParameter
    end

```

```

        parameterFuncs.PROTECTIONLEVEL      =
self._makeProtectionLevelParameter
        parameterFuncs.PROTECTIONLOG        =
self._makeProtectionLogParameter
        parameterFuncs.TALKPAGE              =
self._makeTalkPageParameter
        parameterFuncs.TOOLTIPBLURB         =
self._makeTooltipBlurbParameter
        parameterFuncs.TOOLTIPFRAGMENT      =
self._makeTooltipFragmentParameter
        parameterFuncs.VANDAL               =
self._makeVandalTemplateParameter
        self._params = setmetatable({}, {
            __index = function (t, k)
                local param
                if parameterFuncs[k] then
                    param = parameterFuncs[k](self)
                end
                param = param or ''
                t[k] = param
                return param
            end
        })
    end
    msg = msg:gsub('${(%u+)}', self._params)
    return msg
end

function Blurb:_makeCurrentVersionParameter()
    -- A link to the page history or the move log, depending on the kind
of
    -- protection.
    local pagename = self._protectionObj.title.prefixedText
    if self._protectionObj.action == 'move' then
        -- We need the move log link.
        return makeFullUrl(
            'Special:Log',
            {type = 'move', page = pagename},
            self:_getExpandedMessage('current-version-move-
display')
        )
    else
        -- We need the history link.
        return makeFullUrl(
            pagename,
            {action = 'history'},
            self:_getExpandedMessage('current-version-edit-
display')
        )
    end
end
end

```

```

function Blurb:_makeEditRequestParameter()
    local mEditRequest = require('Module:Submit an edit request')
    local action = self._protectionObj.action
    local level = self._protectionObj.level
    -- Get the edit request type.
    local requestType
    if action == 'edit' then
        if level == 'autoconfirmed' then
            requestType = 'semi'
        elseif level == 'extendedconfirmed' then
            requestType = 'extended'
        elseif level == 'templateeditor' then
            requestType = 'template'
        end
    end
    requestType = requestType or 'full'
    -- Get the display value.
    local display = self:_getExpandedMessage('edit-request-display')

    return mEditRequest._link{type = requestType, display = display}
end

function Blurb:_makeExpiryParameter()
    local expiry = self._protectionObj.expiry
    if type(expiry) == 'number' then
        return self:_formatDate(expiry)
    else
        return expiry
    end
end

function Blurb:_makeExplanationBlurbParameter()
    -- Cover special cases first.
    if self._protectionObj.title.namespace == 8 then
        -- MediaWiki namespace
        return self:_getExpandedMessage('explanation-blurb-nounprotect')
    end

    -- Get explanation blurb table keys
    local action = self._protectionObj.action
    local level = self._protectionObj.level
    local talkKey = self._protectionObj.title.isTalkPage and 'talk' or
'subject'

    -- Find the message in the explanation blurb table and substitute any
    -- parameters.
    local explanations = self._cfg.explanationBlurbs
    local msg
    if explanations[action][level] and
explanations[action][level][talkKey] then

```

```

        msg = explanations[action][level][talkKey]
    elseif explanations[action][level] and
explanations[action][level].default then
        msg = explanations[action][level].default
    elseif explanations[action].default and
explanations[action].default[talkKey] then
        msg = explanations[action].default[talkKey]
    elseif explanations[action].default and
explanations[action].default.default then
        msg = explanations[action].default.default
    else
        error(string.format(
            'could not find explanation blurb for action "%s",
level "%s" and talk key "%s"',
            action,
            level,
            talkKey
        ), 8)
    end
    return self:_substituteParameters(msg)
end

function Blurb:_makeImageLinkParameter()
    local imageLinks = self._cfg.imageLinks
    local action = self._protectionObj.action
    local level = self._protectionObj.level
    local msg
    if imageLinks[action][level] then
        msg = imageLinks[action][level]
    elseif imageLinks[action].default then
        msg = imageLinks[action].default
    else
        msg = imageLinks.edit.default
    end
    return self:_substituteParameters(msg)
end

function Blurb:_makeIntroBlurbParameter()
    if self._protectionObj.isTemporary() then
        return self:_getExpandedMessage('intro-blurb-expiry')
    else
        return self:_getExpandedMessage('intro-blurb-noexpiry')
    end
end

function Blurb:_makeIntroFragmentParameter()
    if self._protectionObj.isTemporary() then
        return self:_getExpandedMessage('intro-fragment-expiry')
    else
        return self:_getExpandedMessage('intro-fragment-noexpiry')
    end
end

```

end

```
function Blurb:_makePagetypeParameter()  
    local pagetypes = self._cfg.pagetypes  
    return pagetypes[self._protectionObj.title.namespace]  
        or pagetypes.default  
        or error('no default pagetype defined', 8)
```

end

```
function Blurb:_makeProtectionBlurbParameter()  
    local protectionBlurbs = self._cfg.protectionBlurbs  
    local action = self._protectionObj.action  
    local level = self._protectionObj.level  
    local msg  
    if protectionBlurbs[action][level] then  
        msg = protectionBlurbs[action][level]  
    elseif protectionBlurbs[action].default then  
        msg = protectionBlurbs[action].default  
    elseif protectionBlurbs.edit.default then  
        msg = protectionBlurbs.edit.default  
    else  
        error('no protection blurb defined for  
protectionBlurbs.edit.default', 8)  
    end  
    return self:_substituteParameters(msg)
```

end

```
function Blurb:_makeProtectionDateParameter()  
    local protectionDate = self._protectionObj.protectionDate  
    if type(protectionDate) == 'number' then  
        return self:_formatDate(protectionDate)  
    else  
        return protectionDate  
    end
```

end

```
function Blurb:_makeProtectionLevelParameter()  
    local protectionLevels = self._cfg.protectionLevels  
    local action = self._protectionObj.action  
    local level = self._protectionObj.level  
    local msg  
    if protectionLevels[action][level] then  
        msg = protectionLevels[action][level]  
    elseif protectionLevels[action].default then  
        msg = protectionLevels[action].default  
    elseif protectionLevels.edit.default then  
        msg = protectionLevels.edit.default  
    else  
        error('no protection level defined for  
protectionLevels.edit.default', 8)  
    end
```

```

        return self:_substituteParameters(msg)
end

function Blurb:_makeProtectionLogParameter()
    local pagename = self._protectionObj.title.prefixedText
    if self._protectionObj.action == 'autoreview' then
        -- We need the pending changes log.
        return makeFullUrl(
            'Special:Log',
            {type = 'stable', page = pagename},
            self:_getExpandedMessage('pc-log-display')
        )
    else
        -- We need the protection log.
        return makeFullUrl(
            'Special:Log',
            {type = 'protect', page = pagename},
            self:_getExpandedMessage('protection-log-display')
        )
    end
end

end

function Blurb:_makeTalkPageParameter()
    return string.format(
        '[[%s:%s#%s|%s]]',
        mw.site.namespaces[self._protectionObj.title.namespace].talk.name,
        self._protectionObj.title.text,
        self._args.section or 'top',
        self:_getExpandedMessage('talk-page-link-display')
    )
end

end

function Blurb:_makeTooltipBlurbParameter()
    if self._protectionObj:isTemporary() then
        return self:_getExpandedMessage('tooltip-blurb-expiry')
    else
        return self:_getExpandedMessage('tooltip-blurb-noexpiry')
    end
end

end

function Blurb:_makeTooltipFragmentParameter()
    if self._protectionObj:isTemporary() then
        return self:_getExpandedMessage('tooltip-fragment-expiry')
    else
        return self:_getExpandedMessage('tooltip-fragment-noexpiry')
    end
end

end

function Blurb:_makeVandalTemplateParameter()
    return mw.getCurrentFrame():expandTemplate{
        title="vandal-m",
    }
end

```

```

        args={self._args.user or self._protectionObj.title.baseText}
    }
end

-- Public methods --

function Blurb:makeBannerText(key)
    -- Validate input.
    if not key or not Blurb.bannerTextFields[key] then
        error(string.format(
            '"%s" is not a valid banner config field',
            tostring(key)
        ), 2)
    end

    -- Generate the text.
    local msg = self._protectionObj.bannerConfig[key]
    if type(msg) == 'string' then
        return self:_substituteParameters(msg)
    elseif type(msg) == 'function' then
        msg = msg(self._protectionObj, self._args)
        if type(msg) ~= 'string' then
            error(string.format(
                'bad output from banner config function with
key "%s"'
                .. ' (expected string, got %s)',
                tostring(key),
                type(msg)
            ), 4)
        end
        return self:_substituteParameters(msg)
    end
end

end

-----
---
-- BannerTemplate class
-----
---

local BannerTemplate = {}
BannerTemplate.__index = BannerTemplate

function BannerTemplate.new(protectionObj, cfg)
    local obj = {}
    obj._cfg = cfg

    -- Set the image filename.
    local imageFilename = protectionObj.bannerConfig.image
    if imageFilename then
        obj._imageFilename = imageFilename
    end
end

```



```

else
    -- If an image filename isn't specified explicitly in the
banner config,
    -- generate it from the protection status and the namespace.
    local action = protectionObj.action
    local level = protectionObj.level
    local namespace = protectionObj.title.namespace
    local reason = protectionObj.reason
    -- Deal with special cases first.
    if (
        namespace == 10
        or namespace == 828
        or reason and obj._cfg.indefImageReasons[reason]
    )
        and action == 'edit'
        and level == 'sysop'
        and not protectionObj.isTemporary()
    then
        -- Fully protected modules and templates get the
special red "indef"
        -- padlock.
        obj._imageFilename = obj._cfg.msg['image-filename-
indef']
    else
        -- Deal with regular protection types.
        local images = obj._cfg.images
        if images[action] then
            if images[action][level] then
                obj._imageFilename =
images[action][level]
            elseif images[action].default then
                obj._imageFilename =
images[action].default
            end
        end
    end
end
return setmetatable(obj, BannerTemplate)
end

function BannerTemplate:renderImage()
    local filename = self._imageFilename
        or self._cfg.msg['image-filename-default']
        or 'Transparent.gif'
    return makeFileLink{
        file = filename,
        size = (self.imageWidth or 20) .. 'px',
        alt = self._imageAlt,
        link = self._imageLink,
        caption = self.imageCaption
    }
}

```

end

```
-----  
---  
-- Banner class  
-----  
---
```

```
local Banner = setmetatable({}, BannerTemplate)  
Banner.__index = Banner
```

```
function Banner.new(protectionObj, blurbObj, cfg)  
    local obj = BannerTemplate.new(protectionObj, cfg) -- This doesn't  
    need the blurb.  
    obj.imageWidth = 40  
    obj.imageCaption = blurbObj:makeBannerText('alt') -- Large banners  
    use the alt text for the tooltip.  
    obj._reasonText = blurbObj:makeBannerText('text')  
    obj._explanationText = blurbObj:makeBannerText('explanation')  
    obj._page = protectionObj.title.prefixedText -- Only makes a  
    difference in testing.  
    return setmetatable(obj, Banner)  
end
```

```
function Banner:__toString()  
    -- Renders the banner.  
    makeMessageBox = makeMessageBox or require('Module:Message box').main  
    local reasonText = self._reasonText or error('no reason text set', 2)  
    local explanationText = self._explanationText  
    local mbargs = {  
        page = self._page,  
        type = 'protection',  
        image = self:renderImage(),  
        text = string.format(  
            "''''%s''''%s",  
            reasonText,  
            explanationText and '<br />' .. explanationText or ''  
        )  
    }  
    return makeMessageBox('mbox', mbargs)  
end
```

```
-----  
---  
-- Padlock class  
-----  
---
```

```
local Padlock = setmetatable({}, BannerTemplate)  
Padlock.__index = Padlock
```

```

function Padlock.new(protectionObj, blurbObj, cfg)
    local obj = BannerTemplate.new(protectionObj, cfg) -- This doesn't
    need the blurb.
    obj.imageWidth = 20
    obj.imageCaption = blurbObj:makeBannerText('tooltip')
    obj._imageAlt = blurbObj:makeBannerText('alt')
    obj._imageLink = blurbObj:makeBannerText('link')
    obj._indicatorName = cfg.padlockIndicatorNames[protectionObj.action]
        or cfg.padlockIndicatorNames.default
        or 'pp-default'
    return setmetatable(obj, Padlock)
end

```

```

function Padlock:__toString()
    local frame = mw.getCurrentFrame()
    -- The nowiki tag helps prevent whitespace at the top of articles.
    return frame:extensionTag{name = 'nowiki'} .. frame:extensionTag{
        name = 'indicator',
        args = {name = self._indicatorName},
        content = self:renderImage()
    }
end

```

```

-----
---
-- Exports
-----
---

```

```

local p = {}

```

```

function p._exportClasses()
    -- This is used for testing purposes.
    return {
        Protection = Protection,
        Blurb = Blurb,
        BannerTemplate = BannerTemplate,
        Banner = Banner,
        Padlock = Padlock,
    }
end

```

```

function p._main(args, cfg, title)
    args = args or {}
    cfg = cfg or require(CONFIG_MODULE)

    local protectionObj = Protection.new(args, cfg, title)

    local ret = {}

    -- If a page's edit protection is equally or more restrictive than

```

```

its
    -- protection from some other action, then don't bother displaying
anything
    -- for the other action (except categories).
    if not yesno(args.catonly) and (protectionObj.action == 'edit' or
        args.demolevel or
        not getReachableNodes(
            cfg.hierarchy,
            protectionObj.level
        )[effectiveProtectionLevel('edit', protectionObj.title)])
    then
        -- Initialise the blurb object
        local blurbObj = Blurb.new(protectionObj, args, cfg)
        -- Render the banner
        if protectionObj:shouldShowLock() then
            ret[#ret + 1] = tostring(
                (yesno(args.small) and Padlock or Banner)
                .new(protectionObj, blurbObj, cfg)
            )
        end
    end
end

-- Render the categories
if yesno(args.category) ~= false then
    ret[#ret + 1] = protectionObj:makeCategoryLinks()
end
return table.concat(ret)
end

function p.main(frame, cfg)
    cfg = cfg or require(CONFIG_MODULE)

    -- Find default args, if any.
    local parent = frame.getParent and frame:getParent()
    local defaultArgs = parent and
cfg.wrappers[parent:getTitle():gsub('/sandbox$', '')]

    -- Find user args, and use the parent frame if we are being called
from a
    -- wrapper template.
    getArgs = getArgs or require('Module:Arguments').getArgs
    local userArgs = getArgs(frame, {
        parentOnly = defaultArgs,
        frameOnly = not defaultArgs
    })

    -- Build the args table. User-specified args overwrite default args.
    local args = {}
    for k, v in pairs(defaultArgs or {}) do
        args[k] = v
    end
end

```

```
        for k, v in pairs(userArgs) do
            args[k] = v
        end
        return p._main(args, cfg)
    end

    return p
end
```

Retrieved from

"https://www.bluegoldwiki.com/index.php?title=Module:Protection_banner&oldid=5885"

Namespaces

- [Module](#)
- [Discussion](#)

Variants

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Blue Gold Program Wiki

The wiki version of the Lessons Learnt Report of the Blue Gold program, documents the experiences of a technical assistance (TA) team working in a development project implemented by the Bangladesh Water Development Board (BWDB) and the Department of Agricultural Extension (DAE) over an eight+ year period from March 2013 to December 2021. The wiki lessons learnt report (LLR) is intended to complement the BWDB and DAE project completion reports (PCRs), with the aim of recording lessons learnt for use in the design and implementation of future interventions in the coastal zone.

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